

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1    | 5100 | @ay<"2001" and (event with (recover\$3))  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/09/29 11:02 |
| L2    | 0    | @ay<"2001" and (event with (recover\$3)) and "707,709,714". clas.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/09/29 11:03 |
| L3    | 1176 | @ay<"2001" and (event with (recover\$3)) and ("707" "709" "714").clas.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/09/29 11:04 |
| L4    | 80   | @ay<"2001" and (((first or primary or main) and (second\$4 or another or other or (back adj up)))) with event with (recover\$3)) and ("707" "709" "714").clas.  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/09/29 11:05 |
| L5    | 0    | @ay<"2001" and (((first or primary or main) and (second\$4 or another or other or (back adj up)))) with event with (recover\$3)) and ("707" "709" "714").clas. and (storage adj area adj network)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/09/29 11:06 |
| L6    | 19   | @ay<"2001" and (((first or primary or main) and (second\$4 or another or other or (back adj up)))) with event with (recover\$3)) and ("707" "709" "714").clas. and ((compar\$4 or contrast\$4 or different\$7 or select\$4) with (representation or topology or layout or design or hierarch\$7)) | US-PGPUB;<br>USPAT | OR               | ON      | 2005/09/29 12:14 |
| L7    | 9    | @ay<"2001" and (((first or primary or main) and (second\$4 or another or other or (back adj up)))) with event with (recover\$3)) and ("707" "709" "714").clas. and ((resolve\$7 or correct\$4) with (corrupt\$4 or inconsist\$7 or consist\$7))   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/09/29 12:23 |
| L8    | 8    | @ay<"2001" and (((first or primary or main) and (second\$4 or another or other or (back adj up)))) with event with (recover\$3)) and ((repair\$4 or resolve\$4 or correct\$4 or fix\$4) with (conflict\$4 or inconsist\$7 or corrupt))  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/09/29 12:24 |

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| L9  | 7    | @ay<"2001" and (((first or primary or main) and (second\$4 or another or other or (back adj up))) with event with (recover\$3)) and ((repair\$4 or resolv\$4 or correct\$4 or fix\$4) with (conflict\$4 or inconsist\$7 or corrupt)) and network | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:09 |
| L10 | 2484 | @ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up)))   | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:10 |
| L11 | 418  | @ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas.   | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:11 |
| L12 | 309  | @ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events")  | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:11 |
| L13 | 52   | @ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon)  | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:12 |
| L14 | 54   | @ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon or probe)   | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:12 |
| L15 | 27   | @ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon or probe) and (hierarch\$7 or topology)   | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:12 |
| L16 | 29   | @ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon or probe) and (hierarch\$7 or topology or layout)   | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:14 |
| L17 | 27   | @ay<"2001" and ((mirror\$4 or synchroniz\$4) with (recovery or (back adj up))) and ("707" or "709" or "714").clas. and ("events") and (agent or daemon or probe) and (hierarch\$7 or topology)   | US-PGPUB; USPAT | OR | ON | 2005/09/29 13:27 |

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| L18 | 1      | "6434580".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:19 |
| L19 | 0      | @ay<"2001" and ((mirror\$4 or<br>synchroniz\$4) with (other or<br>another or second\$4) with<br>(recovery or (back adj up))) and<br>("707" or "709" or "714").clas. and<br>("events") and (agent or daemon<br>or probe) and (hierarch\$7 or<br>topology) | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:29 |
| L20 | 23     | @ay<"2001" and ((SAN or<br>(storage adj area adj network))<br>with (compar\$4) with (image))   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:30 |
| L21 | 3      | @ay<"2001" and ((SAN or<br>(storage adj area adj network))<br>with (compar\$4) with (image))<br>and network  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:31 |
| L22 | 0      | @ay<"2001" and ((SAN or<br>(storage adj area adj network))<br>with (compar\$4) with (image))<br>and (storage adj area adj<br>network)  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:31 |
| L23 | 10     | @ay<"2001" and ((SAN or<br>(storage adj area adj network))<br>with (image)) and (storage adj<br>area adj network)  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:33 |
| L24 | 18     | @ay<"2001" and ((SAN or<br>(storage adj area adj network))<br>with (image or recovery)) and<br>(storage adj area adj network)  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:33 |
| L25 | 8      | l24 not l23  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:44 |
| L26 | 214169 | @ay<"2001" and ((image or<br>recovery or (back adj up)) with<br>(synchroniz\$4 or compar\$4 or<br>copy\$4 or mirror\$4) with (image<br>or recovery or (back adj up)))  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:45 |
| L27 | 21763  | @ay<"2001" and ((image or<br>recovery or (back adj up)) with<br>(synchroniz\$4 or compar\$4 or<br>copy\$4 or mirror\$4) with (image<br>or recovery or (back adj up))) and<br>network   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:46 |
| L28 | 14773  | @ay<"2001" and ((image or<br>recovery or (back adj up)) with<br>(synchroniz\$4 or copy\$4 or<br>mirror\$4) with (image or recovery<br>or (back adj up))) and network   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:46 |

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| L29 | 42  | @ay<"2001" and ((image or recovery or (back adj up)) with (synchroniz\$4 or copy\$4 or mirror\$4) with (image or recovery or (back adj up))) and (storage adj area adj network)                                     | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:58 |
| L30 | 171 | @ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network)  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:58 |
| L31 | 152 | @ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events" or change)   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:58 |
| L32 | 137 | @ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events" or change) and (mirror or synchroniz\$7 or compar\$7 or detect\$7) | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:59 |
| L33 | 70  | @ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events" or change) and (mirror or synchroniz\$7)                           | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 13:59 |
| L34 | 89  | @ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events" or change) and (mirror\$4 or synchroniz\$7)                        | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 14:00 |
| L35 | 64  | @ay<"2001" and ((image or recovery or (back adj up)) with (image or recovery or (back adj up))) and (storage adj area adj network) and ("events") and (mirror\$4 or synchroniz\$7)                                  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 14:29 |
| L36 | 39  | @ay<"2001" and ((image or recovery or (back adj up)) with (copy\$4 or synchroniz\$7) with (image or recovery or (back adj up))) and (storage adj area adj network)  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 14:30 |

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| L37 | 33   | @ay<"2001" and ((image or recovery or (back adj up)) with (copy\$4 or synchroniz\$7) with (image or recovery or (back adj up))) and (storage adj area adj network) and events                          | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 14:32 |
| L38 | 33   | @ay<"2001" and ((image or recovery or (back adj up)) with (copy\$4 or synchroniz\$7) with (image or recovery or (back adj up))) and (storage adj area adj network) and "events"                        | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 14:34 |
| L39 | 14   | @ay<"2001" and ((image or recovery or (back adj up)) with (copy\$4 or synchroniz\$7) with (image or recovery or (back adj up))) and (storage adj area adj network) and "events" and "714". clas.       | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 15:27 |
| L40 | 1    | "5504861".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 15:27 |
| S1  | 36   | @ay<"2001" and ("storage area network" or SAN).ti. not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/29 11:02 |
| S2  | 1    | @ay<"2001" and ("storage area network" or SAN).ti. and ((refresh or update) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.       | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 17:47 |
| S3  | 374  | @ay<"2001" and ("storage area network" or SAN) and ((refresh or update) with (network or component or layout or topology or hierarch\$9)) and agent not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 17:47 |
| S4  | 1599 | @ay<"2001" and ("storage area network" or SAN) and ((refresh or update) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.           | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 17:47 |

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| S5  | 9 | @ay<"2001" and ("storage area network" or SAN) and ((refresh or update) with (network or component or layout or topology or hierarch\$9)) and (agent with asynchron\$9) not (IBM or "international business machines").as.                 | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 19:39 |
| S6  | 0 | @ay<"2001" and ("storage area network" or SAN).ti. and ((refresh or update) with (network or component or layout or topology or hierarch\$9)) and (agent with asynchron\$9) not (IBM or "international business machines").as.             | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 19:46 |
| S7  | 1 | @ay<"2001" and ("storage area network" or SAN).ti. and ((refresh or update) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 20:04 |
| S8  | 1 | @ay<"2001" and ("storage area network" or SAN).ti. and ((refresh or update or rebuild) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.                                | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 20:07 |
| S9  | 2 | @ay<"2001" and ("storage area network" or SAN).ti. and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.           | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 20:11 |
| S10 | 2 | @ay<"2001" and ("storage area network" or SAN).ti. and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9 or layout)) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT | OR | ON | 2004/12/22 20:08 |

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| S11 | 13039 | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.               | US-PGPUB;<br>USPAT  | OR | ON | 2004/12/22 20:12 |
| S12 | 13164 | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:13 |
| S13 | 7503  | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) ("storage area network" or SAN). ti. and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:13 |
| S14 | 1     | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN). ti. and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:13 |
| S15 | 265   | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) not (IBM or "international business machines").as.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:21 |
| S16 | 84    | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) and agent not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:22 |

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| S17 | 84 | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or component or layout or topology or hierarch\$9)) and agent not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:22 |
| S18 | 91 | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and agent not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:23 |
| S19 | 22 | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:26 |
| S20 | 91 | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((twice or two or second or multiple or numerous or plurality) or (stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:24 |



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| S21 | 4   | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network" or SAN) and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((twice or two or second or multiple or numerous or plurality) with (stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:26 |
| S22 | 0   | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network") and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((twice or two or second or multiple or numerous or plurality) with (stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:26 |
| S23 | 1   | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network") and ((refresh\$5 or updat\$5 or rescan\$5 or reevaluat\$5 or rebuild\$5 or revis\$7 ) with (network or nodes or component or layout or topology or hierarch\$9)) and ((stor\$4 or sav\$4 or writ\$4) with (topology or layout or hierarch\$9)) and agent not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 21:35 |
| S24 | 191 | @ay<"2001" and ("storage area network" or SAN).ti. not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:32 |

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| S25 | 3 | @ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second) with (store or save or write or written or storing or saving) with (topo\$8 or hierarch\$9 or layout or graph or nodes)) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:36 |
| S26 | 2 | @ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second) with (store or save or write or written or storing or saving) near3 (topo\$8 or hierarch\$9 or layout or graph or nodes)) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:41 |
| S27 | 3 | @ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second) with (store or save or write or written or storing or saving) near3 (topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 20:55 |
| S28 | 3 | @ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving) near3 (topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 21:00 |

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| S29 | 3 | @ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) near3 (topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 21:13 |
| S30 | 5 | @ay<"2001" and ("storage area network" or SAN).ti. and ((plural\$9 or multiple or number or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 21:18 |
| S31 | 3 | @ay<"2001" and ("storage area network").ti. and ((plural\$9 or multiple or number or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 21:34 |
| S32 | 2 | @ay<"2001" and ("storage area network").ti. and ((plural\$9 or multiple or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 21:41 |

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| S33 | 1 | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network").ti. and ((plural\$9 or multiple or numerous or two or twice or second or reference or backup or "back-up") with (store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 21:41 |
| S34 | 1 | @ay<"2001" and (707/1,10.ccls. or 709/216,217,218,219.ccls.) and ("storage area network").ti. and ((plural\$9 or multiple or numerous or two or twice or second or reference or backup or "back-up") with (compar\$9 or store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/22 21:41 |
| S35 | 2 | @ay<"2001" and ("storage area network").ti. and ((plural\$9 or multiple or numerous or two or twice or second or reference or backup or "back-up") with (compar\$9 or store or save or write or written or storing or saving or copy) with (scan\$5 or topo\$8 or hierarch\$9 or layout or graph or location)) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/23 20:26 |
| S36 | 1 | @ay<"2001" and ("storage area network" or SAN).ti. and ((compar\$9 or query or queri\$4 or retriev\$4 or obtain\$4 or maintain\$4 or synchroniz\$7 or scan\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT  | OR | ON | 2004/12/23 20:32 |

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|-----|-----|---|--------------------|----|----|------------------|
| S37 | 0   | @ay<"2001" and ("storage area network" or SAN).ti. and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or dual) with (compar\$9 or query or queri\$4 or retriev\$4 or obtain\$4 or maintain\$4 or synchroniz\$7 or scan\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.             | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:34 |
| S38 | 47  | @ay<"2001" and "709".clas. and ("storage area network" or SAN) and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or dual) with (compar\$9 or query or queri\$4 or retriev\$4 or obtain\$4 or maintain\$4 or synchroniz\$7 or scan\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:35 |
| S39 | 0   | @ay<"2001" and "709".clas. and ("storage area network") and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or dual) with (compar\$9 or query or queri\$4 or retriev\$4 or obtain\$4 or maintain\$4 or synchroniz\$7 or scan\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.        | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:35 |
| S40 | 432 | @ay<"2001" and "709".clas. and ("storage area network" or SAN) and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or backup or "back-up" or synchroniz\$4 or dual) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:36 |

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|-----|---|---|--------------------|----|----|------------------|
| S41 | 1 | @ay<"2001" and ("storage area network" or SAN).ti. and ((multiple or numerous or plural\$4 or many or two or twice or secondary or slave or multitude or backup or "back-up" or synchroniz\$4 or dual) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.                           | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:39 |
| S42 | 1 | @ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or synchroniz\$4 or dual) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:39 |
| S43 | 0 | @ay<"2001" and ("storage area network" or SAN).ti. and ((stor\$4 or sav\$4 or copy\$3 or copies or maintain\$4 or keep\$4 or preserv\$9) with (copy or copies or redundan\$5 or backup or "back-up" or synchroniz\$4) with (hierarch\$9 or topo\$9 or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as.            | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:42 |
| S44 | 5 | @ay<"2001" and ("storage area network" or SAN).ti. and ((stor\$4 or sav\$4 or copy\$3 or copies or maintain\$4 or keep\$4 or preserv\$9) with (copy or copies or redundan\$5 or backup or "back-up" or synchroniz\$4) with (hierarch\$9 or topo\$9 or network or ((device or node or network) with (graph or image or layout)))) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:56 |
| S45 | 2 | @ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or "back up" or redund\$9 or second\$7 or slave) with network with (configuration or layout or topo\$9 or hierarch\$9 or graph or arrang\$9)) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT | OR | ON | 2004/12/23 20:58 |

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|-----|---|--|---|----|----|------------------|
| S46 | 2 | @ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or "back up" or redund\$9 or second\$7 or slave) with network with (configuration design or formation or layout or topo\$9 or hierarch\$9 or graph or arrang\$9)) not (IBM or "international business machines").as.                          | US-PGPUB;<br>USPAT  | OR | ON | 2004/12/23 21:02 |
| S47 | 2 | @ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or "back up" or redund\$9 or second\$7 or slave) with network with (reconfig\$9 or configuration or design or formation or layout or topo\$9 or hierarch\$9 or graph or arrang\$9)) not (IBM or "international business machines").as.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/23 21:42 |
| S48 | 2 | @ay<"2001" and ("storage area network" or SAN).ti. and ((backup or "back-up" or "back up" or redund\$9 or second\$7 or slave) with network with (reconfig\$9 or configuration or design or formation or layout or topo\$9 or hierarch\$9 or graph or map or arrang\$9)) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/12/23 21:42 |
| S49 | 2 | @ay<"2001" and ("storage area network" or SAN).ti. and (("storage area network" or SAN) with (topology or layout or nodes) with (information or data or event)) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/04 09:49 |
| S50 | 1 | @ay<"2001" and ("storage area network" or SAN).ti. and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second) with (information or data or event)) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 09:53 |
| S51 | 1 | @ay<"2001" and ("storage area network" or SAN).ti. and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second or another) with (information or data or event)) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 09:55 |

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|-----|----|---|---|----|----|------------------|
| S52 | 14 | @ay<"2001" and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second or another) with (information or data or event)) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 09:57 |
| S53 | 7  | @ay<"2001" and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second or another) with (information or data or event)) and ((filter\$5 or select\$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information)))) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:28 |
| S54 | 0  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (("storage area network" or SAN) with (topology or layout or nodes) with (two or second or another) with (information or data or event)) and ((filter\$5 or select\$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information)))) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:30 |
| S55 | 0  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (("storage area network" or SAN) with (topology or layout or nodes or map or image or graph or representation) with (two or second or another) with (information or data or event)) and ((filter\$5 or select\$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information)))) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:34 |



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|-----|-----|--|---|----|----|------------------|
| S56 | 104 | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph or representation) with (two or second or another) with (filter\$5 or select\$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:35 |
| S57 | 104 | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph or representation) with (two or second or another) with (filter\$5 or select\$7 or compar\$7) with ((SAN or node or element or device or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:36 |
| S58 | 105 | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph) with (two or second or another) with (filter\$5 or select\$7 or compar\$7) with ((SAN or node or element or device or computer or "storage area network") adj2 (event or data or information))) not (IBM or "international business machines").as.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:37 |
| S59 | 105 | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph) with (two or second or another) with (filter\$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:37 |

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|-----|-----|--|---|----|----|------------------|
| S60 | 0   | @ay<"2001" and ("storage area network") and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph) with (two or second or another) with (filter\$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:40 |
| S61 | 105 | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or nodes or map or image or graph) with (two or second or another) with (filter\$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:40 |
| S62 | 15  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and ((topology or layout or map or image or graph) with (two or second or another) with (filter\$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:04 |
| S63 | 0   | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (network with (topology or layout or map or image or graph) with (two or second or another) with (filter\$5 or select\$7 or compar\$7) with ((node or element or device or computer) adj2 (event or data or information))) not (IBM or "international business machines").as.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 10:42 |
| S64 | 0   | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (newtork with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:16 |

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|-----|------|---|---|----|----|------------------|
| S65 | 0    | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (newtork with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 and event) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:11 |
| S66 | 0    | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (backup or recovery) and (newtork with (topology or layout or map or image or graph)) and (updat\$5 and event) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:15 |
| S67 | 2660 | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (backup or recovery) and (topology or layout or map or image or graph) and (updat\$5 and event) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:15 |
| S68 | 480  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (topology or layout or map or image or graph) and (backup or recovery) and (updat\$5 with event) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:16 |
| S69 | 383  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (topology or layout or map or image or graph) and (backup or recovery) and (updat\$5 with event) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:16 |
| S70 | 376  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or RAM or storage) and (topology or layout or map or image or graph) and (backup or recovery) and (updat\$5 with event) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:17 |

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|-----|----|---|---|----|----|------------------|
| S71 | 40 | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or RAM or storage) and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/04 11:26 |
| S72 | 1  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or RAM or storage) and ("storage area network") and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 08:49 |
| S73 | 1  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or storage) and ("storage area network") and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 09:46 |
| S74 | 1  | @ay<"2001" and network and (memory or harddrive or "hard drive" or storage) and ("storage area network") and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 09:46 |
| S75 | 72 | @ay<"2001" and network and (memory or harddrive or "hard drive" or storage) and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 09:46 |

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|-----|----|--|---|----|----|------------------|
| S76 | 40 | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or storage) and ((topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 10:12 |
| S77 | 8  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and network and (memory or harddrive or "hard drive" or storage) and ((two or second) with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 10:21 |
| S78 | 14 | @ay<"2001" and network and (memory or harddrive or "hard drive" or storage) and ((two or second) with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 10:38 |
| S79 | 0  | @ay<"2001" and network and ("storage area network") and (memory or harddrive or "hard drive" or storage) and ((two or second) with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 10:21 |
| S80 | 15 | @ay<"2001" and network and (memory or harddrive or "hard drive" or storage) and ((two or second or multiple or plurality) with (topology or layout or map or image or graph) with (backup or recovery)) and (updat\$5 with event) not (IBM or "international business machines").as.                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 11:03 |

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|-----|----|--|---|----|----|------------------|
| S81 | 70 | @ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery) with (server or database or device)) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 11:05 |
| S82 | 0  | @ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery) with ((two or second or multiple or plurality) adj5 (server or database))) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 11:12 |
| S83 | 2  | @ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery) with (two or second or multiple or plurality) with (server or database)) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 11:28 |
| S84 | 15 | @ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery or mirror or copy or copies) with (two or second or multiple or plurality) with (server or database)) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 11:29 |
| S85 | 16 | @ay<"2001" and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery or mirror or copy or copies) with ((two or second or multiple or plurality) adj7 (device or server or database))) not (IBM or "international business machines").as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 11:31 |
| S86 | 5  | @ay<"2001" and ("707".clas. or "709".clas. or "711".clas. or "714".clas.) and (network with (topology or hierarch\$7 or image or graph or map or layout) with (backup or recovery or mirror or copy or copies) with ((two or second or multiple or plurality) adj7 (device or server or database))) not (IBM or "international business machines").as. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/05 11:34 |

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|-----|------|--|--------------------|----|----|------------------|
| S87 | 28   | @ay<"2002" and ("storage area network" or SAN).ti. and (event with (second or (back adj up) or recover\$4))  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 21:09 |
| S88 | 9    | @ay<"2002" and ("storage area network" or SAN).ti. and (event with (second or (back adj up) or recover\$4)) and 709/223,224.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 21:09 |
| S89 | 9    | @ay<"2002" and ("storage area network" or SAN).ti. and (event with (second or (back adj up) or recover\$4)) and (agent or daemon) and 709/223,224.ccls.                        | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 21:59 |
| S90 | 1    | "20030149763"  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 21:19 |
| S91 | 2    | "6606690".pn. "5909540".pn.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 21:35 |
| S92 | 60   | @ay<"2001" and ("storage area network" or SAN) and (event with (second or (back adj up) or recover\$4)) and (agent or daemon) and 709/223,224.ccls.                            | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 21:59 |
| S93 | 1    | @ay<"2001" and ("storage area network" or SAN) and (event with (second or (back adj up) or recover\$4) with without) and (agent or daemon) and 709/223, 224.ccls.              | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:05 |
| S94 | 0    | @ay<"2001" and ("storage area network" or SAN) and (event with (second or (back adj up) or recover\$4) with without) and (agent or daemon) and "707,709, 714".clas.            | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:05 |
| S95 | 5    | @ay<"2001" and ("storage area network" or SAN) and (event with (second or (back adj up) or recover\$4) with without) and (agent or daemon) and ("707" or "709" or "714").clas. | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:09 |
| S96 | 1891 | 714/4,7.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:09 |
| S97 | 1247 | 714/4,7.ccls. and @ay<"2001"   | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:09 |
| S98 | 709  | 714/4,7.ccls. and @ay<"2001" and (events)  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:10 |
| S99 | 142  | 714/4,7.ccls. and @ay<"2001" and (events) and (SAN or (storage adj area adj network))  | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:11 |

|          |     |   |                    |    |    |                  |
|----------|-----|---|--------------------|----|----|------------------|
| S10<br>0 | 119 | 714/4,7.ccls. and @ay<"2001"<br>and (events) and (SAN or (storage<br>adj area adj network)) and (first<br>with second)                      | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:10 |
| S10<br>1 | 131 | 714/4,7.ccls. and @ay<"2001"<br>and (events) and (SAN or (storage<br>adj area adj network)) and<br>(updat\$4 or replac\$4 or<br>recover\$6) | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:11 |
| S10<br>2 | 13  | 714/4,7.ccls. and @ay<"2001"<br>and (events) and (storage adj area<br>adj network) and (updat\$4 or<br>replac\$4 or recover\$6)             | US-PGPUB;<br>USPAT | OR | ON | 2005/09/27 22:12 |